

TOK[®]-Melt N2

Product Information



Bitumen Pouring Compound - TOK[®]-Melt N2

Special Advantages:

- ✓ Economical because of practical delivery units and exact divisibility into portions.
- ✓ Can be used as joint sealant between asphalt surfaces.
- ZTV Fug-StB Fulfills the requirements of the current ZTV Fug-StB.
- ✓ Complies with the requirements of **DIN EN 14188-part 1, type N2.**



Hot-poured bituminous sealing compound for joints in asphalt.

For a century now, DENSO Group Germany represents experience, quality and reliability for corrosion prevention and sealing technology. The success of the internationally leading corporation is based on the development of the "DENSO-Tape", which was already patented in 1927 as the first product worldwide for the passive corrosion prevention of pipelines. Since then, the DENSO Group Germany establishes and guarantees the highest quality standards with technically trend-setting products. Research, development and production take place exclusively in Germany. Our employees continuously implement safe and individual solutions in a personal cooperation with the customer.

Product Description

For **TOK[®]-Melt N2**, we have consciously chosen a delivery form that enables a particularly practical and therefore economical use of material.

This advantage is particularly noticeable for smaller-scale applications, e.g. maintenance projects or small-volume construction work.

Areas of application are road surfaces and landscaping with reinforcements made of Asphalt.

TOK[®]-Melt N2 can be divided into portions and provides a solution tailored to the actual amount of material required. This avoids the need for time-consuming splitting of the

large containers normally available commercially. Likewise, the expense of melting too much material is also avoided.

A change in material behaviour caused by repeated re-heating is avoided by exact portioning.

Typical Material Properties

Properties	Unit	WEP measured values	Requirements as per TL Fug-StB
Working temperature	°C/°F	+160 to +180 (+320 to +356)	-
Density at RT	g/cm ³	1.20 (approx.)	To be specified by manufacturer
Ring and ball softening point	°C/°F	+102 (+215.6)	≥ +85 (+185)
Cone penetration	1/10 mm	54	50-100
Elastic recovery	%	59	10-60
Volume change after thermal ageing	%	- 0.02	Specify test value
Ring and ball softening point after thermal ageing	°C	+104 (+219.2)	Specify test value
Elastic recovery after thermal ageing	%	-	49
Elasticity and adhesive strength at -20 °C (-4 °F) without ageing	mm	5	5
Fmax	N/mm ²	0.34	≤ 0.75
after ageing	mm	5	5
Fmax	N/mm ²	0.20	≤ 0.75

TOK®-Melt N2 complies with the ZTV Fug-StB and TL/TP Fug-StB, and DIN EN 14188 Part 1, Type N2.

Product Application

Preparation of the joints

The joints must be clean and dry. Any dirt or loose parts, etc. that has found its way in must be carefully removed.

A primer (**CORRISOL®-K**) is stipulated as a mandatory step by ZTV Fug-StB.

(e.g. MELTOMAT®) and melt it at approx. +170 °C (+338 °F).

Then pour the melted compound into the prepared joints using suitable pouring tools. For deeper joints, work in two stages.

TOK®-Melt N2 should be melted no more than twice and should not be heated above +180 °C (+356 °F) otherwise important material properties could be lost. Use an

indirectly heated mixing kettle with a horizontal axle.

TOK®-Melt N2 is used to fill horizontal and slightly inclined joints.

The maximum permissible joint gradient is 8%.

In summer, softening of the surface is unavoidable owing to its thermo-plastic material behaviour.

The risk of soiling can be reduced by dressing with sand.

Preparation of the sealing compound

Pour a precalculated amount of **TOK®-Melt N2** in portions into a suitable heating kettle

Ordering Information and Packaging

Product name	Pack size	Order number
TOK®-Melt N2	24 cubes x 700 g / 16.8 kg per box	480 cubes per pallet (336 kg) 101 18 476
TOK®-Melt N2	Box 5.5 kg	90 boxes per pallet (495 kg) 100 72 534
TOK®-Melt N2	Box 11 kg	48 boxes per pallet (528 kg) 100 72 552
TOK®-Melt N2	Box 28 kg	32 boxes per pallet (896 kg) 102 00 037
CORRISOL®-K (primer)	10-liter metal container	102 00 994

Storage

Store the box(es) in a cool and dry place. Protect from direct sunlight.

Under these conditions, **TOK®-Melt N2** can be stored practically indefinitely.

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